

A New Window for the Visually Impaired — Sapie-Braille, the Digital bridge to the world of information.

Sapie-Braille is an LLM-powered next-gen braille solution for the visually impaired. It offers real-time braille conversion adapted to each country's linguistic context, and transforms digital documents like PDFs into braille-ready .brf files compatible with braille printers — empowering literacy and expanding access to information.

01. Who Is Sapie-Braille For?

- Visually impaired users seeking braille access to to books, articles, and everyday information.
- Publishers, media, and educational institutions producing braille content for readers and students.
- Government agencies and libraries needing to convert digital documents into braille
- Welfare centers and training programs providing braille education and literacy support for the visually impaired
- Organizations and enterprise teams aiming to simplify and accelerate braille conversion and printing.

02. Why Sapie-Braille Stands Out

Sapie-Braille is an LLM-powered AI solution that delivers accurate, context-aware braille translation. Fine-tuned by Saltware, it offers rapid and flexible adaptation to new or domain-specific terms, without requiring system updates. Sapie-Braille clearly surpasses legacy braille systems in two key aspects.

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| 1. Superior Technology | <ul style="list-style-type: none"> - Produces comprehensive alt text for text, images, formulas, and charts, ensuring full accessibility. - Supports real-time braille conversion and outputs .brf files compatible with braille printers. |
| 2. Seamless Usability | <ul style="list-style-type: none"> - Provides core features through a user-friendly web interface and API for easy integration. - Built with WCAG 2.1 compliance and ARIA roles for accessible UI/UX without user training. |

03. How Sapie-Braille Works



